EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(forward adj equalizer) same (timing adj recovery adj signal)	US-PGPUB; USPAT	OR	ON	2004/11/24 15:14
S2	60	(forward adj equalizer) same (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:33
S3	479	375/267.ccls. (forward adj equalizer) and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:34
S4	478	375/267.ccls. (forward adj equalizer) and (carrier adj recovery) and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:35
S5	0	375/267.ccls. and (forward adj equalizer) and (carrier adj recovery) and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:35
S6	0	375/267.ccls. and (forward adj equalizer) and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:36
S7	0	375/267.ccls. and (forward adj equalizer) same (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:36
S8	0	375/267.ccls. and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:36
S9	1	375/326.ccls. and (forward adj equalizer) and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:37
S10	6	375/326.ccls. and (forward adj equalizer) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:40
S11	2	375/326.ccls. and (forward adj equalizer) and (timing adj recovery adj signal)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:41
S12	29	"375"/$.ccls. and (forward adj equalizer) and (carrier adj recovery) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:48
S13	6	"375"/$.ccls. and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 13:19
S14	0	"375"/260.ccls. and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/15 09:19
S15	0	"375"/267.ccls. and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 13:20
S16	0	"455"/$.ccls. and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 13:19
S17	0	"370"/$.ccls. and (joint adj timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/22 13:19
S18	20	"375"/326.ccls. and (feed adj forward)	US-PGPUB; USPAT	OR	ON	2004/11/22 13:35

S19	1	"5638409".pn.	US-PGPUB; USPAT	OR	ON	2004/11/22 13:36
S20	10	("5638409").URPN.	USPAT	OR	ON	2004/11/22 13:41
S21	1	"6570942".pn.	USPAT	OR	ON	2004/11/22 13:42
S22	1	"6304621".pn.	USPAT	OR	ON	2004/11/22 13:42
S23	9	("4937841" | "5343502" | "5440259" | "5570370" | "5638409" | "5790604" | "5809009" | "5862187" | "5946359").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 14:29
S24	10	("5638409").URPN.	USPAT	OR	ON	2004/11/22 14:34
S25	396	375/229.ccls.	USPAT	OR	ON	2004/11/22 14:34
S26	55	375/229.ccls. and (timing adj recovery)	USPAT	OR	ON	2004/11/22 14:38
S27	21	375/229.ccls. and (carrier adj recovery)	USPAT	OR	ON	2004/11/22 14:45
S28	0	(sample adj rate adj converter) and (carrier adj recovery) and (forward adj equalizer)	USPAT	OR	ON	2004/11/22 14:47
S29	11	(sample adj rate) and (carrier adj recovery) and (forward adj equalizer)	USPAT	OR	ON	2004/11/22 14:47
S30	21	("5835532").URPN.	USPAT	OR	ON	2004/11/22 14:48
S31	10	("5654765" | "5835532" | "6002713" | "6052349" | "6130793" | "6141167" | "6201832" | "6289063" | "6381271" | "6505222").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 14:53
S32	2	375/260.ccls. and (Feed adj forward adj equalizer)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 14:54
S33	41	375/260.ccls. and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 14:58
S34	8	375/267.ccls. and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:06
S35	145	375/232.ccls. and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:25
S36	1	"6141671".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:26
S37	1	"6192088".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:26

S38	10	("4336616" | "4689804" | "5065107" | "5276716" | "5440587" | "5487186" | "5671253" | "5737694" | "5912930" | "5949832").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:29
S39	31	375/326.ccls. and diversity	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:31
S40	0	375/355.ccls. and (joint adj timing)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:32
S41	32	375/355.ccls. and (diversity)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:37
S42	12	("3851252" | "4015205" | "5499397" | "5694434" | "5742646" | "5905767" | "6049575" | "6304619" | "6359943" | "6583822" | "6628733" | "RE33665").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:32
S43	17	375/355.ccls. and (sample adj rate adj converter)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:44
S44	0	455/355.ccls. and (joint adj timing)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:40
S45	6	"455"/$.ccls. and (joint adj timing)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:40
S46	1	("6192088").URPN.	USPAT	OR	ON	2004/11/22 15:41
S47	10	("5638409").URPN.	USPAT	OR	ON	2004/11/22 15:43
S48	6	375/232.ccls. and (diversity) and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:53
S49	0	375/267.ccls. and (forward adj equalizer) and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:53
S50	0	375/267.ccls. and (forward adj equalizer) and (carrier adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:54
S51	1	375/267.ccls. and (forward adj equalizer)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:54
S52	6	375/232.ccls. and (diversity) and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:56
S53	0	375/235.ccls. and (diversity) and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:56

S54	5	375/235.ccls. and (joint) with (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:57
S55	7	"455"/$.ccls. and (joint) with (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 15:57
S56	4	(joint adj estimation) same equalizat$5	US-PGPUB; USPAT	OR	ON	2004/11/24 15:19
S57	601	(joint) same equalizat$5	US-PGPUB; USPAT	OR	ON	2004/11/24 15:15
S58	62	S57 and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/24 15:16
S59	28	(joint adj estimation) and equalizat$5	US-PGPUB; USPAT	OR	ON	2004/11/24 15:20
S60	14	S59 and timing	US-PGPUB; USPAT	OR	ON	2004/11/24 15:21
S61	4	S59 and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/24 15:24
S62	66	375/340.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/24 15:25
S63	1	375/340.ccls. and (timing adj recovery) and diversity	US-PGPUB; USPAT	OR	ON	2004/11/24 15:26
S64	7	375/340.ccls. and (timing adj recovery) and joint	US-PGPUB; USPAT	OR	ON	2004/11/24 15:26
S65	0	375/340.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/11/24 15:26
S66	2	375/340.ccls. and (joint adj equaliza$7)	US-PGPUB; USPAT	OR	ON	2004/11/24 15:27
S67	0	375/340.ccls. and (joint adj estimat$5) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/24 15:28
S68	0	375/340.ccls. and (joint adj equali$5) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/24 15:28
S69	3	375/340.ccls. and ((joint) same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2004/11/24 15:29
S70	0	375/340.ccls. and ((joint adj timing adj recovery))	US-PGPUB; USPAT	OR	ON	2004/11/24 15:29
S71	6	"375"/$.ccls. and ((joint adj timing adj recovery))	US-PGPUB; USPAT	OR	ON	2004/11/24 15:29
S72	4	("5790514" | "6005893" | "6021167" | "6038251").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/24 15:30
S73	6	455/137.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/27 17:55
S74	2	455/132.ccls. and equalizers and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/27 17:58

S75	1	455/273.ccls. and equalizers and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/27 17:58
S76	16	"455"/$.ccls. and samplers and equalizers and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/27 18:00
S77	155	"375"/$.ccls. and samplers and equalizers and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/27 18:00
S78	63	"375"/$.ccls. and diversity and equalizers and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/11/27 18:00
S79	12	("5214675" | "5515378" | "5613191" | "5630204" | "5708961" | "5969837" | "6029056" | "6088408" | "6115427" | "6167389" | "6345051" | "6466610"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/27 18:02
S80	5	("5127025" | "5353307" | "5499272" | "5596607" | "5748673").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/27 18:06
S81	8	375/267.ccls. and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/27 18:08
S82	93	375/267.ccls. and (equalizers)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/27 18:11
S83	0	375/267.ccls. and (joint adj equalizers)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/27 18:12
S84	1	375/267.ccls. and (joint adj estimat$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/27 18:12
S85	1	375/260.ccls. and (joint adj estimat$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/27 18:12
S86	55	"375"/$.ccls. and (joint adj estimat$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/27 18:13
S87	29	"375"/$.ccls. and (joint adj estimat$5) and timing	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/27 18:13
S88	27	"375"/$.ccls. and (parallel adj demodulators)	US-PGPUB; USPAT	OR	ON	2004/12/03 15:53
S89	25	("4387459" | "4638476" | "4755763" | "5293382" | "5412352" | "5440265" | "5533023" | "5546401" | "5640424" | "5663962" | "5696797" | "5719899" | "5751724" | "5809422" | "5903550" | "6034974" | "6055280" | "6097766" | "6137785" | "6172994" | "6198754" | "6310865" | "6356581" | "6363262" | "6480534").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 15:59

S90	6	("4633193" | "4675558" | "5235622" | "5400370" | "5563891" | "5651031"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:02
S91	9	"375"/$.ccls. and (plurality adj converter)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:03
S92	5	"375"/$.ccls. and (plurality adj sample adj rate adj converter)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:05
S93	0	"375"/326.ccls. and (plurality adj sample adj rate adj converter)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:08
S94	1	"455"/$.ccls. and (plurality adj sample adj rate adj converter)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:06
S95	6	(plurality adj sample adj rate adj converter)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:06
S96	8	"455"/$.ccls. and (joint adj estimation) and (equaliz$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:11
S97	0	"375"/232.ccls. and (plurality adj forward adj equaliz$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:12
S98	41	"375"/232.ccls. and (plurality adj equaliz$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:18
S99	9	"375"/232.ccls. and (parallel adj equaliz$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:32
S100	1	"6304621".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:29
S101	3	("6304621").URPN.	USPAT	OR	ON	2004/12/03 16:31
S102	4	"375"/$.ccls. and (parallel adj interpolator)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:33
S103	1	"455"/137.ccls. and (forward adj equalizer)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:37

S10 4	46	("3940694" | "4468786" | "4599732" | "4630262" | "4644562" | "4688213" | "4733402" | "4821289" | "4872163" | "4972434" | "5005189" | "5029186" | "5031193" | "5052000" | "5056117" | "5063573" | "5111484" | "5127051" | "5132988" | "5142551" | "5155742" | "5185764" | "5199047" | "5202903" | "5204874" | "5206863" | "5214675" | "5231648" | "5234347" | "5249204" | "5249205" | "5251233" | "5251237" | "5251328" | "5257265" | "5257399" | "5263052" | "5263053" | "5285482" | "5297171" | "5301167" | "5379046" | "5473333" | "5528581" | "5537443" | "5757845").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:34
S10 5	6	"455"/137.ccls. and (timing adj recover$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:40
S10 6	2	"455"/139.ccls. and (timing adj recover$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:40
S10 7	4	"455"/133.ccls. and (timing adj recover$5)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/03 16:41
S10 8	5864	"375"/$.ccls. and (Digital near4 receiver)	US-PGPUB; USPAT	OR	ON	2004/12/04 10:47
S10 9	0	"375"/240.06.ccls. and (Digital adj T adj receiver)	US-PGPUB; USPAT	OR	ON	2004/12/04 10:47
S11 0	0	"375"/240.06.ccls. and (Digital adj Tv adj receiver)	US-PGPUB; USPAT	OR	ON	2004/12/04 10:48
S11 1	0	"375"/240.06.ccls. and (Digital near receiver)	US-PGPUB; USPAT	OR	ON	2004/12/04 10:48
S11 2	4	"375"/240.06.ccls. and (receiver)	US-PGPUB; USPAT	OR	ON	2004/12/04 10:49
S11 3	28	"375"/240.06.ccls.	US-PGPUB; USPAT	OR	ON	2004/12/04 10:51
S11 4	107	"375"/232.ccls. and (digital near receiver)	US-PGPUB; USPAT	OR	ON	2004/12/04 11:15
S11 5	6	"375"/232.ccls. and (digital adj Tv adj receiver)	US-PGPUB; USPAT	OR	ON	2004/12/04 11:16
S11 6	1	"375"/232.ccls. and (SRC)	US-PGPUB; USPAT	OR	ON	2004/12/04 11:16
S11 7	4	"375"/232.ccls. and (Sampling adj rate adj converter)	US-PGPUB; USPAT	OR	ON	2004/12/04 11:18
S11 8	86	"375"/$.ccls. and (Sampling adj rate adj converter)	US-PGPUB; USPAT	OR	ON	2004/12/04 11:19

S11 9	2	"375"/$.ccls. and ((Sampling adj rate adj converter) same equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:38
S12 0	1	"6192088".pn.	US-PGPUB; USPAT	OR	ON	2004/12/06 10:30
S12 1	10	("4336616" | "4689804" | "5065107" | "5276716" | "5440587" | "5487186" | "5671253" | "5737694" | "5912930" | "5949832").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 10:31
S12 2	1	("6192088").URPN.	USPAT	OR	ON	2004/12/06 10:32
S12 3	7	("5513209" | "5703904" | "6018556" | "6115431" | "6134276" | "6192088" | "6198780").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 10:33
S12 4	2	375/321.ccls. and (sampling adj rate adj converter)	US-PGPUB; USPAT	OR	ON	2004/12/06 10:46
S12 5	36	375/321.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 10:52
S12 6	7	("3851252" | "4972357" | "5067140" | "5410368" | "5418815" | "5479449" | "5506636").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 10:45
S12 7	1	"6141671".pn.	US-PGPUB; USPAT	OR	ON	2004/12/06 10:46
S12 8	37	375/347.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:04
S12 9	12	("3851252" | "4015205" | "5499397" | "5694434" | "5742646" | "5905767" | "6049575" | "6304619" | "6359943" | "6583822" | "6628733" | "RE33665"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 10:55
S13 0	0	375/347.ccls. and (sampling adj rate adj converter)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:04
S13 1	861	375/347.ccls.	US-PGPUB; USPAT	OR	ON	2004/12/06 11:05
S13 2	378	375/347.ccls. and timing	US-PGPUB; USPAT	OR	ON	2004/12/06 11:05
S13 3	37	375/347.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:06
S13 4	4	375/347.ccls. and (digital adj television adj receiver)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:43
S13 5	7	("4280128" | "4691205" | "5230007" | "5274844" | "5771439" | "5844951" | "5884192").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 11:07
S13 6	196	"375"/$.ccls. and (digital adj television adj receiver)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:08
S13 7	48	"375"/$.ccls. and (digital adj television adj receiver) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:08

S13 8	3	("5325188" | "5969751" | "6449002"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 11:13
S13 9	1	"5748226".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 11:13
S14 0	20	375/232.ccls. and (digital adj television adj receiver)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:23
S14 1	0	375/232.ccls. and (pularilty adj equalizers)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:23
S14 2	0	375/232.ccls. and (plurarilty adj equalizers)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:23
S14 3	27	375/232.ccls. and (plurality adj equalizers)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:25
S14 4	6	455/132.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:28
S14 5	2	455/133.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:29
S14 6	6	455/137.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:31
S14 7	1	455/134.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:32
S14 8	2	455/135.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:32
S14 9	1	455/141.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:36
S15 0	2	455/139.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:37
S15 1	3	((Sampling adj rate adj converter) same equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:42
S15 2	8586	"725"/$.ccls. ((Sampling adj rate adj converter) same equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:42
S15 3	0	"725"/$.ccls. and ((Sampling adj rate adj converter) same equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:42
S15 4	127	"725"/$.ccls. and (digital adj television adj receiver)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:43
S15 5	0	"725"/$.ccls. and (digital adj television adj receiver) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:43
S15 6	127	"725"/$.ccls. and (digital adj television adj receiver)	US-PGPUB; USPAT	OR	ON	2004/12/06 11:44
S15 7	68	(digital adj television adj receiver) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 13:18
S15 8	0	375/267.ccls. and(digital adj television adj receiver) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 13:19

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S15 9	0	375/267.ccls. and (digital adj television adj receiver) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 13:55
S16 0	8	375/267.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 13:19
S16 1	0	375/267.ccls. and (digital adj television adj receiver)	US-PGPUB; USPAT	OR	ON	2004/12/06 13:56
S16 2	1	375/267.ccls. and (equalizer) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 13:58
S16 3	7	("4584534" | "4873683" | "5109392" | "5128969" | "5142534" | "5214390" | "5349609").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 13:57
S16 4	3	375/267.ccls. and (equalizer) and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 13:59
S16 5	9	375/348.ccls. and (equalizer) and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:00
S16 6	12	375/348.ccls. and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:02
S16 7	36	375/347.ccls. and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:32
S16 8	1	"6560299".pn.	US-PGPUB; USPAT	OR	ON	2004/12/06 14:14
S16 9	6	("5065411" | "5499272" | "5530725" | "5844951" | "5859870" | "5901174"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 14:14
S17 0	0	375/267.ccls. and (joint adj timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:16
S17 1	17	375/267.ccls. and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:20
S17 2	3	455/132.ccls. and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:21
S17 3	3	455/133.ccls. and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:22
S17 4	3	455/134.ccls. and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:23
S17 5	3	455/135.ccls. and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:23
S17 6	3	455/137.ccls. and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:23
S17 7	12	375/347.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:34
S17 8	5	375/347.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:35
S17 9	1	375/232.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:35

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S180	0	375/230.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:35
S181	0	375/231.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:35
S182	1	375/232.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:35
S183	1	375/233.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:35
S184	0	375/234.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:35
S185	0	375/234.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:36
S186	2	375/233.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:36
S187	1	375/232.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:36
S188	0	375/230.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:36
S189	1	375/229.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:37
S190	0	375/267.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:37
S191	0	375/267.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:37
S192	2	375/267.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:37
S193	4	375/259.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:38
S194	0	375/270.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:38
S195	4	375/270.ccls. and (timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:43
S196	4	"375"/$.ccls. and (joint adj timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:43
S197	4	"375"/$.ccls. and (joint adj timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:50
S198	6	("5065411" | "5499272" | "5530725" | "5844951" | "5859870" | "5901174"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 14:44
S199	4	(joint adj timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:45
S200	5	(joint adj timing adj control)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:45

S201	4	(joint adj equalizer) and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:47
S202	1	(joint adj estimation) and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:47
S203	9	(forward adj equalizers) and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:48
S204	0	"375"/355.ccls. and (joint adj timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:10
S205	0	"375"/355.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:50
S206	0	"375"/355.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:50
S207	187	"375"/355.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:50
S208	11	"375"/355.ccls. and (timing adj recovery) and diversity	US-PGPUB; USPAT	OR	ON	2004/12/06 14:53
S209	18	("4344179" | "4412299" | "4811363" | "4866739" | "5235622" | "5285482" | "5491729" | "5550872" | "5598428" | "5621752" | "5654979" | "5654987" | "5671257" | "5719907" | "5761252" | "5764687" | "5933421" | "5940452").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/06 14:51
S210	2	"375"/272.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:56
S211	0	"375"/272.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:54
S212	0	"375"/272.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:54
S213	0	"375"/273.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:54
S214	1	"375"/273.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:55
S215	0	"375"/273.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:55
S216	1	"375"/273.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:55
S217	0	"375"/277.1.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:55
S218	0	"375"/277.1.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:56
S219	0	"375"/277.1.ccls. and (timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:56
S220	2	"455"/272.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:56

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S22 1	0	"455"/272.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:56
S22 2	0	"455"/272.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:57
S22 3	2	"455"/273.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:57
S22 4	1	"455"/275.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:58
S22 5	5	"455"/277.1.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 14:59
S22 6	1	"455"/277.1.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:00
S22 7	0	"455"/273.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:00
S22 8	2	"455"/273.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:00
S22 9	16	("6032033").URPN.	USPAT	OR	ON	2004/12/06 15:09
S23 0	1	"6560299".pn.	USPAT	OR	ON	2004/12/06 15:09
S23 1	1	("6560299").URPN.	USPAT	OR	ON	2004/12/06 15:09
S23 2	1	"375"/229.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:11
S23 3	0	"375"/230.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:11
S23 4	0	"375"/231.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:11
S23 5	1	"375"/232.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:11
S23 6	0	"375"/234.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:11
S23 7	1	"375"/233.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:11
S23 8	0	"375"/235.ccls. and (joint adj equalizer)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:12
S23 9	0	"375"/235.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:12
S24 0	0	"375"/355.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/06 15:12
S24 1	3	"375"/355.ccls. and (timing adj control) and diversity	US-PGPUB; USPAT	OR	ON	2004/12/06 15:13
S24 2	12	"375"/347.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:05

S243	1	"5891834".pn.	US-PGPUB; USPAT	OR	ON	2004/12/06 15:15
S244	1	"6038272".pn.	US-PGPUB; USPAT	OR	ON	2004/12/06 15:16
S245	0	"375"/347.ccls. and (variable adj interpolator)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:05
S246	37	"375"/347.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:11
S247	5	("5127025" | "5353307" | "5499272" | "5596607" | "5748673").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/08 19:06
S248	38	"375"/348.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:09
S249	22	"375"/349.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:13
S250	116	"375"/350.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:18
S251	187	"375"/355.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:18
S252	5	"375"/355.ccls. and (sample adj rate adj converter) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:19
S253	2	"375"/355.ccls. and (sampling adj rate adj converter) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:22
S254	0	"375"/355.ccls. and (variable adj interpolator) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:22
S255	50	"375"/355.ccls. and (interpolator) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:24
S256	7	(variable adj interpolator) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:26
S257	31330	"382"/$.ccls. (variable adj interpolator) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:26
S258	0	"382"/$.ccls. and (variable adj interpolator) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:26
S259	0	"382"/$.ccls. and (SRC) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:26
S260	39	(SRC) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:29
S261	13	(SRC) same (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:30
S262	23	(sample adj rate adj converter) same (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:31
S263	1	(sampling adj rate adj converter) same (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/08 19:31

S26 4	41	375/260.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:17
S26 5	8	375/267.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:18
S26 6	2	375/267.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:19
S26 7	9	375/347.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:29
S26 8	6	("5065411" | "5499272" | "5530725" | "5844951" | "5859870" | "5901174"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 09:19
S26 9	46	("3940694" | "4468786" | "4599732" | "4630262" | "4644562" | "4688213" | "4733402" | "4821289" | "4872163" | "4972434" | "5005189" | "5029186" | "5031193" | "5052000" | "5056117" | "5063573" | "5111484" | "5127051" | "5132988" | "5142551" | "5155742" | "5185764" | "5199047" | "5202903" | "5204874" | "5206863" | "5214675" | "5231648" | "5234347" | "5249204" | "5249205" | "5251233" | "5251237" | "5251328" | "5257265" | "5257399" | "5263052" | "5263053" | "5285482" | "5297171" | "5301167" | "5379046" | "5473333" | "5528581" | "5537443" | "5757845").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 09:21
S27 0	0	455/278.1.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:27
S27 1	3	455/278.1.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:28
S27 2	1	"6192088".pn.	US-PGPUB; USPAT	OR	ON	2004/12/09 09:28
S27 3	35	375/355.ccls. and (timing adj loop)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:31
S27 4	5	"375"/$.ccls. and (feedforward adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:32
S27 5	0	"455"/$.ccls. and (feedforward adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:32
S27 6	2	"370"/$.ccls. and (feedforward adj timing)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:33
S27 7	0	"370"/$.ccls. and (plurality adj decimators) and diversity	US-PGPUB; USPAT	OR	ON	2004/12/09 09:33
S27 8	1	"455"/$.ccls. and (plurality adj decimators) and diversity	US-PGPUB; USPAT	OR	ON	2004/12/09 09:34
S27 9	0	"455"/$.ccls. and (plurality adj decimators) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:34

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S28 0	1	"375"/$.ccls. and (plurality adj decimators) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:36
S28 1	4	("4755761" | "4866647" | "5495203" | "6005640").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 09:35
S28 2	0	"375"/21.ccls. and (plurality adj decimators) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:36
S28 3	0	"375"/321.ccls. and (plurality adj decimators) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:36
S28 4	2	"375"/321.ccls. and (decimators) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2004/12/09 09:36
S28 5	0	"375"/267.ccls. and (diversity) and (timing adj recovery) and SB	US-PGPUB; USPAT	OR	ON	2004/12/09 09:37
S28 6	0	"375"/267.ccls. and (diversity) and (timing adj recovery) and vSB	US-PGPUB; USPAT	OR	ON	2004/12/09 09:37
S28 7	0	"375"/267.ccls. and (diversity) and vSB	US-PGPUB; USPAT	OR	ON	2004/12/09 09:37
S28 8	0	"375"/267.ccls. and (diversity) and "vSB"	US-PGPUB; USPAT	OR	ON	2004/12/09 09:37
S28 9	1	"6141671".pn.	US-PGPUB; USPAT	OR	ON	2004/12/09 13:46
S29 0	12	"375"/326.ccls. and (Forward adj equalizer)	US-PGPUB; USPAT	OR	ON	2005/08/08 15:51
S29 1	5	("4334313" | "5642382" | "5648987" | "5712873" | "5793821").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:50
S29 2	15	"375"/347.ccls. and (Forward adj equalizer)	US-PGPUB; USPAT	OR	ON	2005/08/08 15:58
S29 3	23	"375"/348.ccls. and (Forward adj equalizer)	US-PGPUB; USPAT	OR	ON	2005/08/08 16:02
S29 4	34	"375"/$.ccls. and (carrier adj recovery) and (Forward adj equalizer) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/08 16:03
S29 5	4	"375"/$.ccls. and ((carrier adj recovery) same (Forward adj equalizer) same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/08 16:11
S29 6	5	((carrier adj recovery) same (Forward adj equalizer) same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/08 16:08
S29 7	1	"455"/$.ccls. and ((carrier adj recovery) same (Forward adj equalizer) same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/08 16:09
S29 8	0	"375"/267.ccls. and ((carrier adj recovery) same (Forward adj equalizer) same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/08 16:11

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S29 9	0	"375"/267.ccls. and ((Forward adj equalizer) same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/08 16:12
S30 0	3	"375"/326.ccls. and ((Forward adj equalizer) same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/09 11:37
S30 1	12	"375"/326.ccls. and ((Forward adj equalizer))	US-PGPUB; USPAT	OR	ON	2005/08/09 14:08
S30 2	5	("4334313" | "5642382" | "5648987" | "5712873" | "5793821").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 12:05
S30 3	41	375/347.ccls. and ((timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/09 13:09
S30 4	1	"20020106040"	US-PGPUB; USPAT	OR	ON	2005/08/09 12:20
S30 5	13	("5499397" | "5625652" | "5742646" | "5805242" | "5805643" | "5862191" | "6075408" | "6304619" | "6359944" | "6411661" | "6545532" | "6628733" | "6690745").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 13:05
S30 6	41	375/347.ccls. and (carrier adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/09 14:02
S30 7	235	375/347.ccls. and (equalizer)	US-PGPUB; USPAT	OR	ON	2005/08/09 14:02
S30 8	4	375/347.ccls. and (plurality adj equalizer)	US-PGPUB; USPAT	OR	ON	2005/08/09 14:03
S30 9	10	375/267.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/09 14:04
S31 0	18	"375"/$.ccls. and (diversity same equalizer same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/09 14:12
S31 1	5	("5127025" | "5353307" | "5499272" | "5596607" | "5748673").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:10
S31 2	4	"375"/232.ccls. and (diversity same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/09 14:13
S31 3	9	("5202903" | "5559757" | "5657401" | "5666429" | "5697083" | "5710995" | "6032114" | "6130909" | "6275485"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:14
S31 4	444	plurality near equalizers	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:14
S31 5	45	S314 and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:26
S31 6	1	"455"/$.ccls. and S314 and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:19

S31 7	2	S314 and (timing adj recovery) and diversity	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:27
S31 8	1	S314 and (joint adj timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:27
S31 9	7	"375"/$.ccls. and (joint adj timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:28
S32 0	0	"455"/$.ccls. and (joint adj timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:29
S32 1	8	(joint adj timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:29
S32 2	1	375/229.ccls. and (joint adj timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 14:29
S32 3	82	375/229.ccls. and (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 15:07
S32 4	6	("5533050").URPN.	USPAT	OR	ON	2005/08/09 14:31
S32 5	1	"20040014424"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 15:08
S32 6	1	"5031195".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 15:08
S32 7	1	"6389063".PN.	US-PGPUB; USPAT	OR	ON	2005/08/09 15:39
S32 8	1	"6603807".PN.	US-PGPUB; USPAT	OR	ON	2005/08/09 15:39
S32 9	1	"6359926".PN.	US-PGPUB; USPAT	OR	ON	2005/08/09 15:40
S33 0	3	(plurality adj equalizer) same (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:16
S33 1	19	(diversity same equalizer) same (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:17
S33 2	0	((plurality adj antenna) same equalizer) same (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:17
S33 3	12	((plurality adj antenna) and equalizer) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:19
S33 4	41	((OFDM) same equalizer) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:23

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S33 5	1	"20050100120"	US-PGPUB; USPAT	OR	ON	2005/08/12 10:26
S33 6	3	455/272.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:27
S33 7	13	("5499397" | "5625652" | "5742646" | "5805242" | "5805643" | "5862191" | "6075408" | "6304619" | "6359944" | "6411661" | "6545532" | "6628733" | "6690745").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 10:27
S33 8	3	455/272.ccls. and (frame adj synchro$8)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:32
S33 9	226	455/272.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/12 10:32
S34 0	0	455/272.ccls. and (eualizer)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:32
S34 1	12	455/272.ccls. and (equalizer)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:34
S34 2	40	455/278.1.ccls. and (equalizer)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:36
S34 3	2	455/278.1.ccls. and (joint near2 equalizer)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:36
S34 4	1	"455"/$.ccls. and (joint near2 equalizer) and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:37
S34 5	8	"455"/$.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:38
S34 6	9	"370"/$.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:42
S34 7	25	"375"/$.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:41
S34 8	2	"375"/233.ccls. and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:41
S34 9	6	("5065411" | "5499272" | "5530725" | "5844951" | "5859870" | "5901174"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 10:41
S35 0	1	decimator and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:43
S35 1	5	interpolator and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:44
S35 2	0	(plurality adj equalizer) and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:44
S35 3	10	(forward adj equalizer) and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:46
S35 4	7	(spatial adj diversity) and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:48

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S35 5	5	(spatial adj tempo$5) and (joint adj timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:48
S35 6	423	(375/347.ccls.) and synchroniz$5	US-PGPUB; USPAT	OR	ON	2005/08/12 10:49
S35 7	416	(375/347.ccls.) and timing	US-PGPUB; USPAT	OR	ON	2005/08/12 10:49
S35 8	44	(375/347.ccls.) and (timing adj recove$5)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:53
S35 9	7	455/277.1.ccls. and (timing adj recove$5)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:55
S36 0	202	375/355.ccls. and (timing adj recove$5)	US-PGPUB; USPAT	OR	ON	2005/08/12 10:57
S36 1	11	375/355.ccls. and (timing adj recove$5) and diversity	US-PGPUB; USPAT	OR	ON	2005/08/12 11:00
S36 2	41	375/355.ccls. and (timing adj recove$5) and (carrier adj recov$5)	US-PGPUB; USPAT	OR	ON	2005/08/12 11:19
S36 3	2	("5513221" | "5654982").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 11:07
S36 4	7	("5870438").URPN.	USPAT	OR	ON	2005/08/12 11:08
S36 5	32	"375"/$.ccls. and (multi adj channel) and (timing adj recove$5) and (carrier adj recov$5)	US-PGPUB; USPAT	OR	ON	2005/08/12 11:20
S36 6	0	375/340.ccls. and ((vestigial) same (carrier adj recovery) same synch$5)	US-PGPUB; USPAT	OR	ON	2005/08/12 13:51
S36 7	0	"375"/$.ccls. and ((vestigial) same (carrier adj recovery) same synch$5)	US-PGPUB; USPAT	OR	ON	2005/08/12 13:51
S36 8	0	((vestigial) same (carrier adj recovery) same synch$5)	US-PGPUB; USPAT	OR	ON	2005/08/12 13:51
S36 9	1	((vSB) same (carrier adj recovery) same synch$5)	US-PGPUB; USPAT	OR	ON	2005/08/12 15:01
S37 0	0	((carrier adj recovery) same (symbol adj synch$5))	US-PGPUB; USPAT	OR	ON	2005/08/12 13:52
S37 1	0	((carrier adj recovery) and (symbol adj synch$5))	US-PGPUB; USPAT	OR	ON	2005/08/12 13:53
S37 2	666	((carrier adj recovery) same (timing))	US-PGPUB; USPAT	OR	ON	2005/08/12 13:53
S37 3	17	"375"/$.ccls. and (((carrier adj recovery) same (timing)) same sampler)	US-PGPUB; USPAT	OR	ON	2005/08/12 13:57
S37 4	2	"375"/$.ccls. and ((timing adj carrier adj recovery) same sampler)	US-PGPUB; USPAT	OR	ON	2005/08/12 14:04
S37 5	1	"5694419".pn.	US-PGPUB; USPAT	OR	ON	2005/08/12 14:34

S37 6	17	(Nyquist adj filter) with (square adj root adj raised adj cosine)	US-PGPUB; USPAT	OR	ON	2005/08/12 14:36
S37 7	0	(vsb same (Nyquist adj filter) with (square adj root adj raised adj cosine))	US-PGPUB; USPAT	OR	ON	2005/08/12 14:36
S37 8	6	vsb and ((Nyquist adj filter) with (square adj root adj raised adj cosine))	US-PGPUB; USPAT	OR	ON	2005/08/12 14:37
S37 9	6	(vestigial adj sideband) and ((Nyquist adj filter) with (square adj root adj raised adj cosine))	US-PGPUB; USPAT	OR	ON	2005/08/12 14:37
S38 0	28	(vSB) and (carrier adj recovery) and diversity	US-PGPUB; USPAT	OR	ON	2005/08/12 15:02
S38 1	0	455/109.ccls. and (plurality near antenna) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/12 15:03
S38 2	0	455/109.ccls. and (plurality near antenna) and (timing)	US-PGPUB; USPAT	OR	ON	2005/08/12 15:03
S38 3	0	455/109.ccls. and (plurality near antenna)	US-PGPUB; USPAT	OR	ON	2005/08/12 15:03
S38 4	1	455/109.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/12 15:07
S38 5	64	455/109.ccls. and (antenna)	US-PGPUB; USPAT	OR	ON	2005/08/12 15:07
S38 6	2	(plurality adj antenna) same (vestigial adj sideband)	US-PGPUB; USPAT	OR	ON	2005/08/12 15:21
S38 7	0	"09545703".pn.	US-PGPUB; USPAT	OR	ON	2005/08/12 15:22
S38 8	1	"6658048".pn.	US-PGPUB; USPAT	OR	ON	2005/08/12 15:22
S38 9	0	309/293217	US-PGPUB; USPAT	OR	ON	2005/08/15 09:07
S39 0	1	09/293217	US-PGPUB; USPAT	OR	ON	2005/08/15 09:19
S39 1	1	"5535239".pn.	US-PGPUB; USPAT	OR	ON	2005/08/15 09:19
S39 2	46	"375"/$.ccls. and (OFDM same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/15 10:01
S39 3	44	"370"/$.ccls. and (OFDM same (timing adj recovery))	US-PGPUB; USPAT	OR	ON	2005/08/15 10:24
S39 4	1	"5703905".pn.	US-PGPUB; USPAT	OR	ON	2005/08/15 10:25
S39 5	43	375/347.ccls. and (CARRIER ADJ RECOVERY)	US-PGPUB; USPAT	OR	ON	2005/08/16 13:40
S39 6	12	375/347.ccls. and (CARRIER ADJ RECOVERY) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/16 13:52

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S39 7	95	"455"/$.ccls. and (CARRIER ADJ RECOVERY) and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/16 13:43
S39 8	24	"455"/$.ccls. and (CARRIER ADJ RECOVERY) and (timing adj recovery) and diversity	US-PGPUB; USPAT	OR	ON	2005/08/16 13:43
S39 9	42	375/347.ccls. and (timing adj recovery)	US-PGPUB; USPAT	OR	ON	2005/08/16 14:01
S40 0	1	"5703905".pn.	US-PGPUB; USPAT	OR	ON	2005/08/16 14:01
S40 1	1	"5694419".pn.	US-PGPUB; USPAT	OR	ON	2006/02/06 11:22
S40 2	1	"6911947".pn.	US-PGPUB; USPAT	OR	ON	2006/02/06 11:07
S40 3	1	"6304621".pn.	US-PGPUB; USPAT	OR	ON	2006/02/06 11:07
S40 4	1	"5694919".pn.	US-PGPUB; USPAT	OR	ON	2006/02/06 11:22
S40 5	1	"5694419".pn.	US-PGPUB; USPAT	OR	ON	2006/02/06 11:24
S40 6	1	"5703905".pn.	US-PGPUB; USPAT	OR	ON	2006/02/06 11:24
S40 7	12	("5703905").URPN.	USPAT	OR	ON	2006/02/06 11:30
S40 8	1	multi adj channel adj timing adj recovery	USPAT	OR	ON	2006/02/06 11:30
S40 9	1	(multi adj channel) with (timing adj recovery)	USPAT	OR	ON	2006/02/06 11:33
S41 0	512	(channel) with (timing adj recovery)	USPAT	OR	ON	2006/02/06 11:31
S41 1	0	(combined adj channel) with (timing adj recovery)	USPAT	OR	ON	2006/02/06 11:32
S41 2	0	(joint adj channel) with (timing adj recovery)	USPAT	OR	ON	2006/02/06 11:32
S41 3	5	(multi adj channel) same (timing adj recovery)	USPAT	OR	ON	2006/02/06 11:33
S41 4	5	("5274678" | "5285482" | "5353312" | "5515403" | "5581585").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 11:33
S41 5	1	"5703905".pn.	US-PGPUB; USPAT	OR	ON	2006/02/09 09:22
S41 6	5	("5274678" | "5285482" | "5353312" | "5515403" | "5581585").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/09 11:23
S41 7	14	("5353312").URPN.	USPAT	OR	ON	2006/02/09 11:53

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S41 8	1	"6304621".pn.	USPAT	OR	ON	2006/02/09 11:58
S41 9	1	"6216251".pn.	USPAT	OR	ON	2006/02/09 11:58
S42 0	1	"6216250".pn.	USPAT	OR	ON	2006/02/09 13:34
S42 1	30	FIR adj bandpass adj filter	USPAT	OR	ON	2006/02/09 13:37
S42 2	0	S421 same (timing)	USPAT	OR	ON	2006/02/09 13:35
S42 3	12	S421 and (timing)	USPAT	OR	ON	2006/02/09 13:35
S42 4	0	S421 and (timing adj recovery)	USPAT	OR	ON	2006/02/09 13:35
S42 5	0	375/355.ccls. and (FIR adj bandpass adj filter)	USPAT	OR	ON	2006/02/09 13:38
S42 6	1	(carrier adj recovery) and (FIR adj bandpass adj filter)	USPAT	OR	·ON	2006/02/09 13:38
S42 7	13	(carrier) and (FIR adj bandpass adj filter)	USPAT	OR	ON	2006/02/09 13:38
S42 8	10	("4004226" | "4334313" | "4621366" | "4692931" | "4800574" | "4805191" | "4815103" | "4975927" | "5048060" | "5097488").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/09 14:29
S42 9	545	equaliz$5 near4 (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/09 14:30
S43 0	324	equaliz$5 near2 (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/09 14:30
S43 1	200	equaliz$5 near (timing adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/09 14:34
S43 2	34	(equaliz$5 near (timing adj recovery)) and (carrier adj recovery)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/09 15:41
S43 3	1	09/873567	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/09 15:42
S43 4	1	"6421400".pn.	US-PGPUB; USPAT	OR	ON	2006/02/10 09:20
S43 5	1	"5541955".pn.	US-PGPUB; USPAT	OR	ON	2006/02/10 11:04
S43 6	1	"6603825".pn.	US-PGPUB; USPAT	OR	ON	2006/02/10 11:24

S43 7	1	"6018275".pn.	US-PGPUB; USPAT	OR	ON	2006/02/10 13:40
S43 8	1	"09746823"	US-PGPUB; USPAT	OR	ON	2006/02/10 14:35
S43 9	1	"5436960".pn.	US-PGPUB; USPAT	OR	ON	2006/02/10 14:35